

FIG. 1

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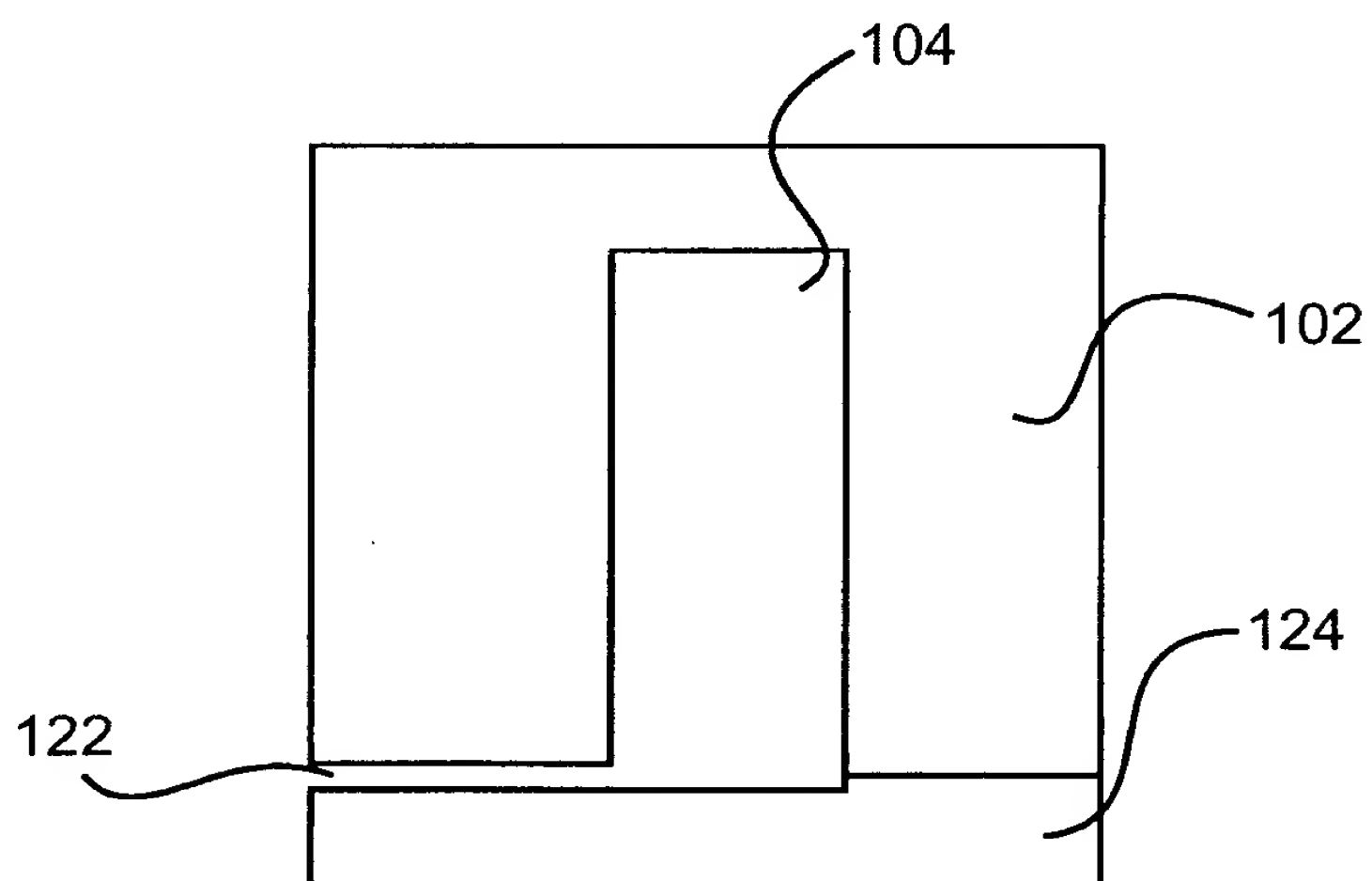


FIG. 2A

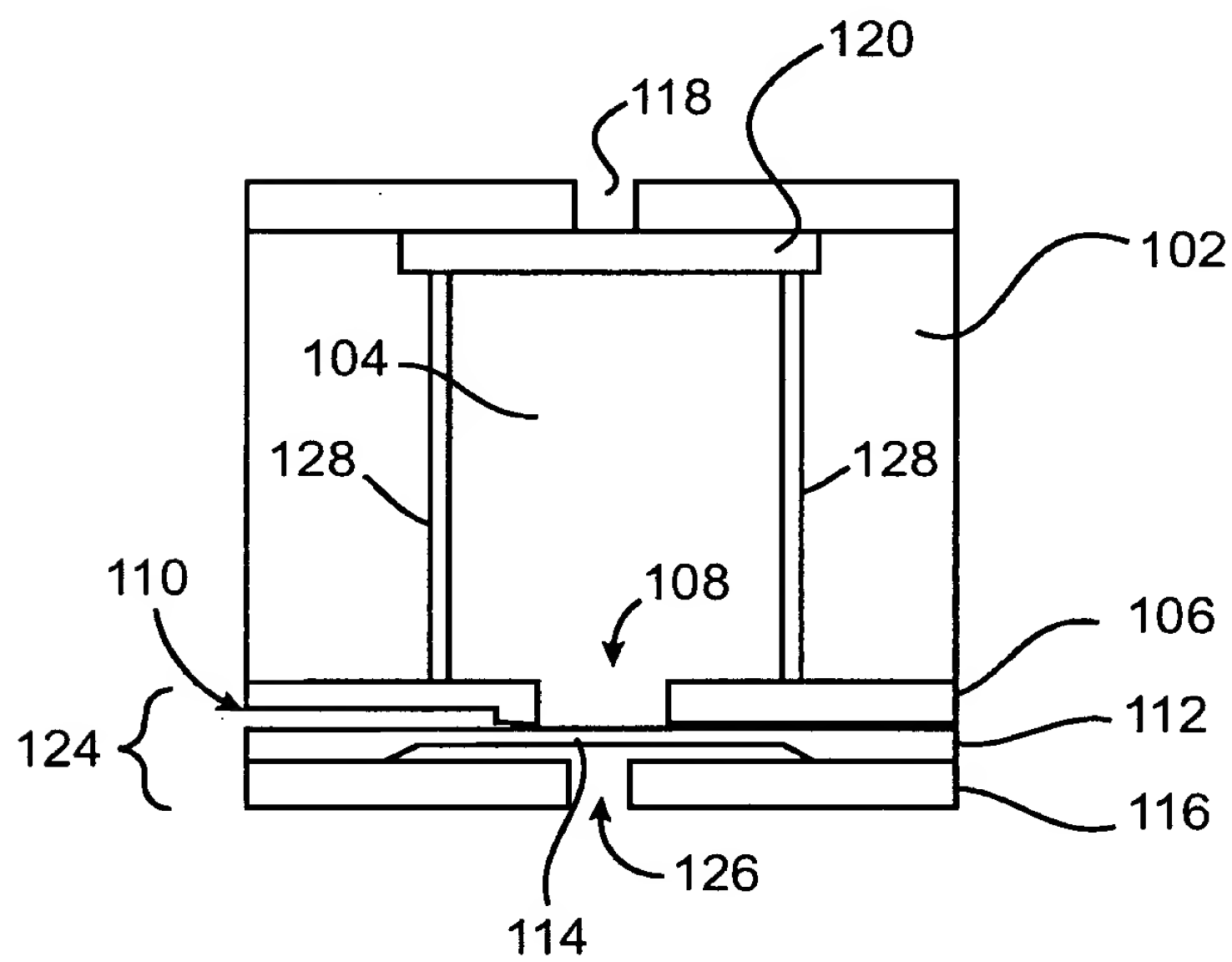


FIG. 2B

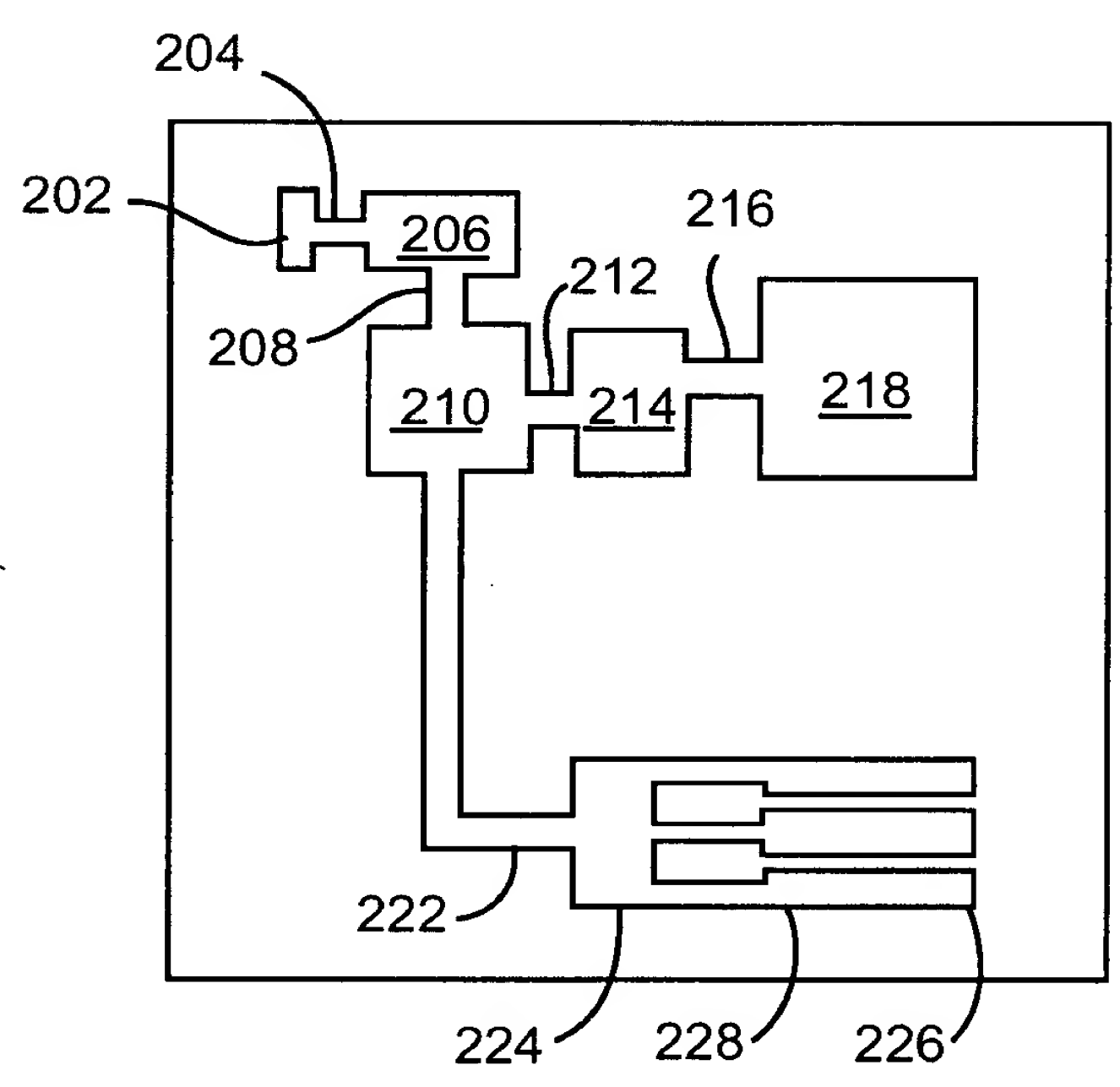
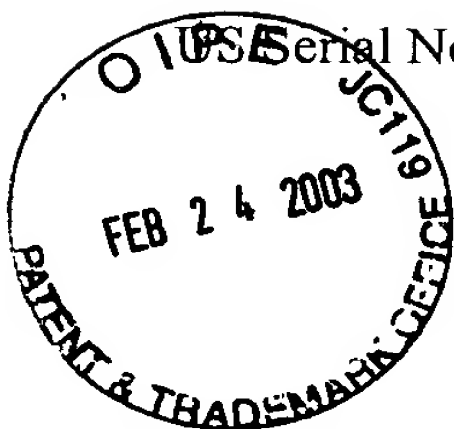
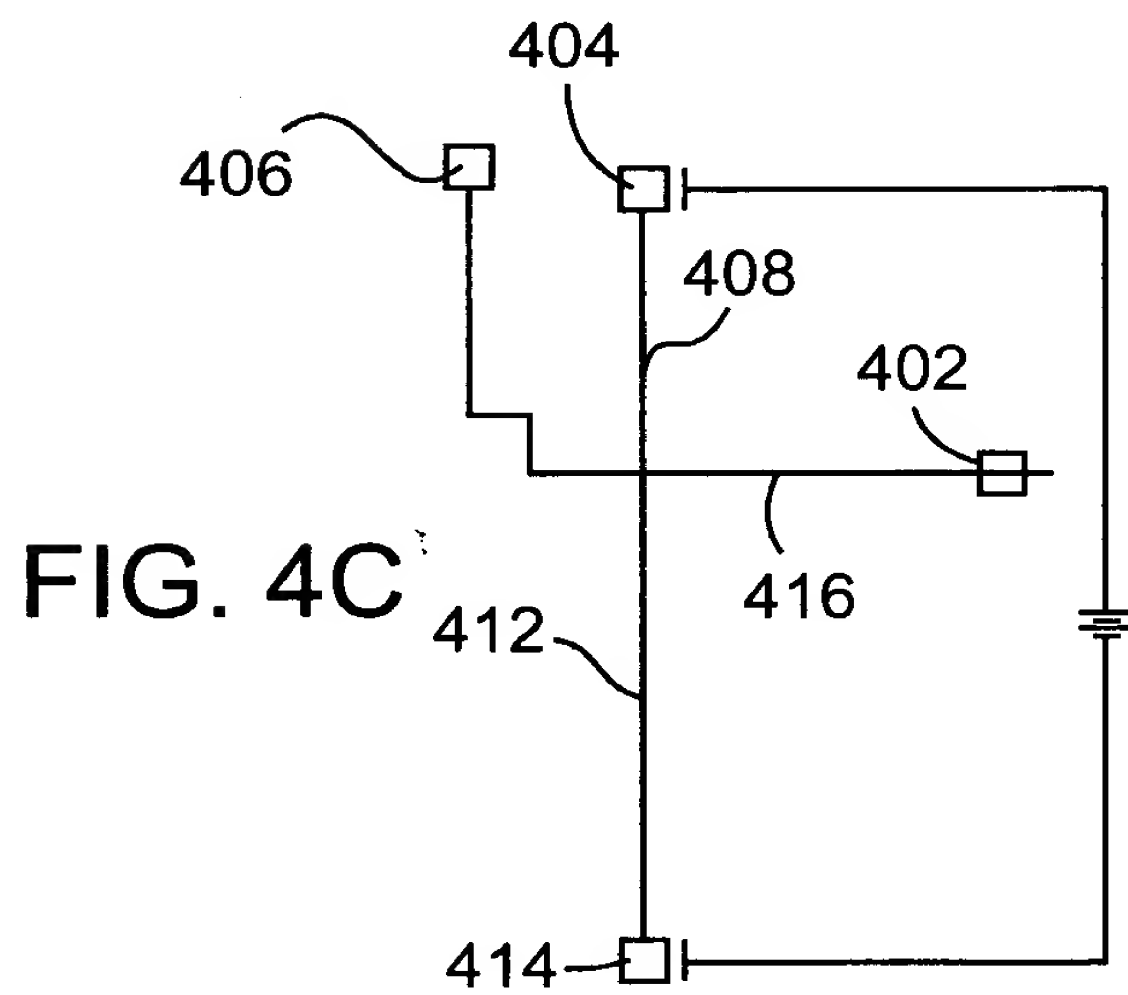
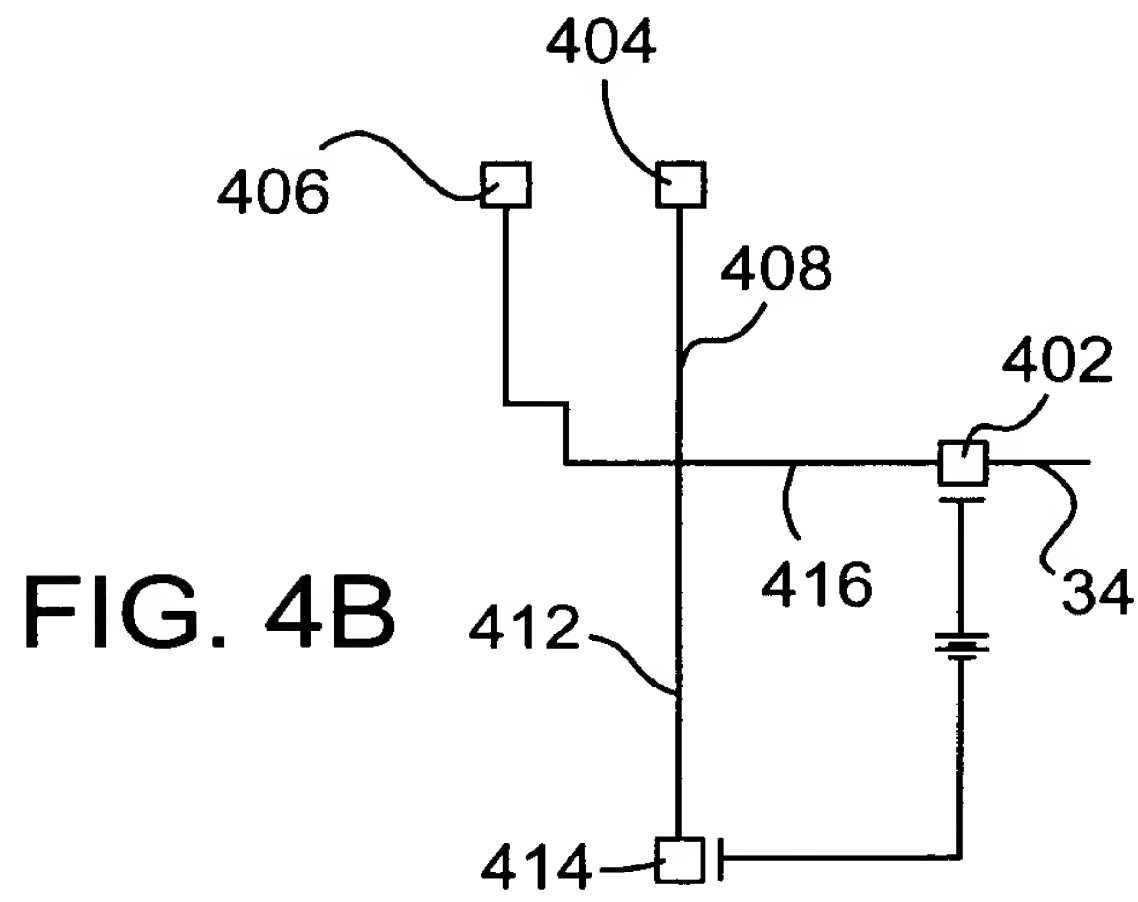
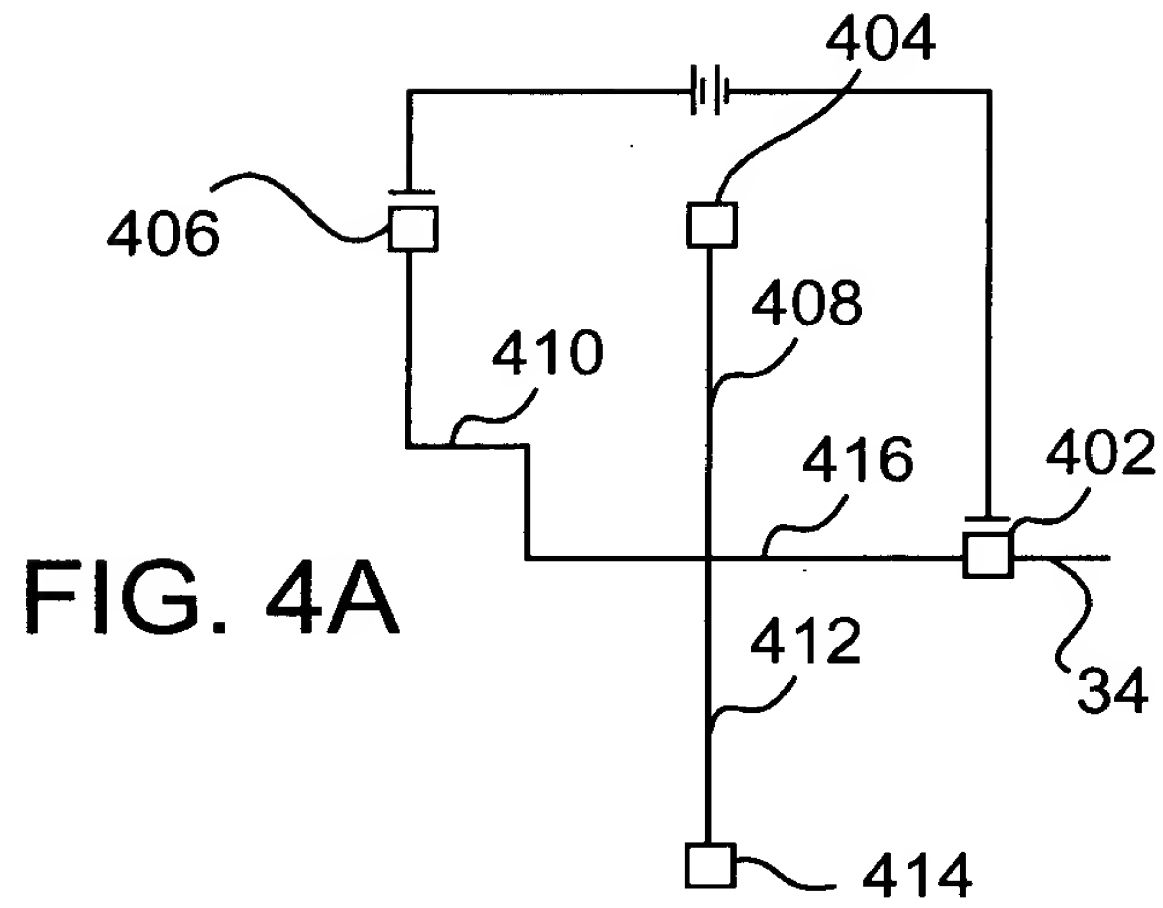


FIG. 3



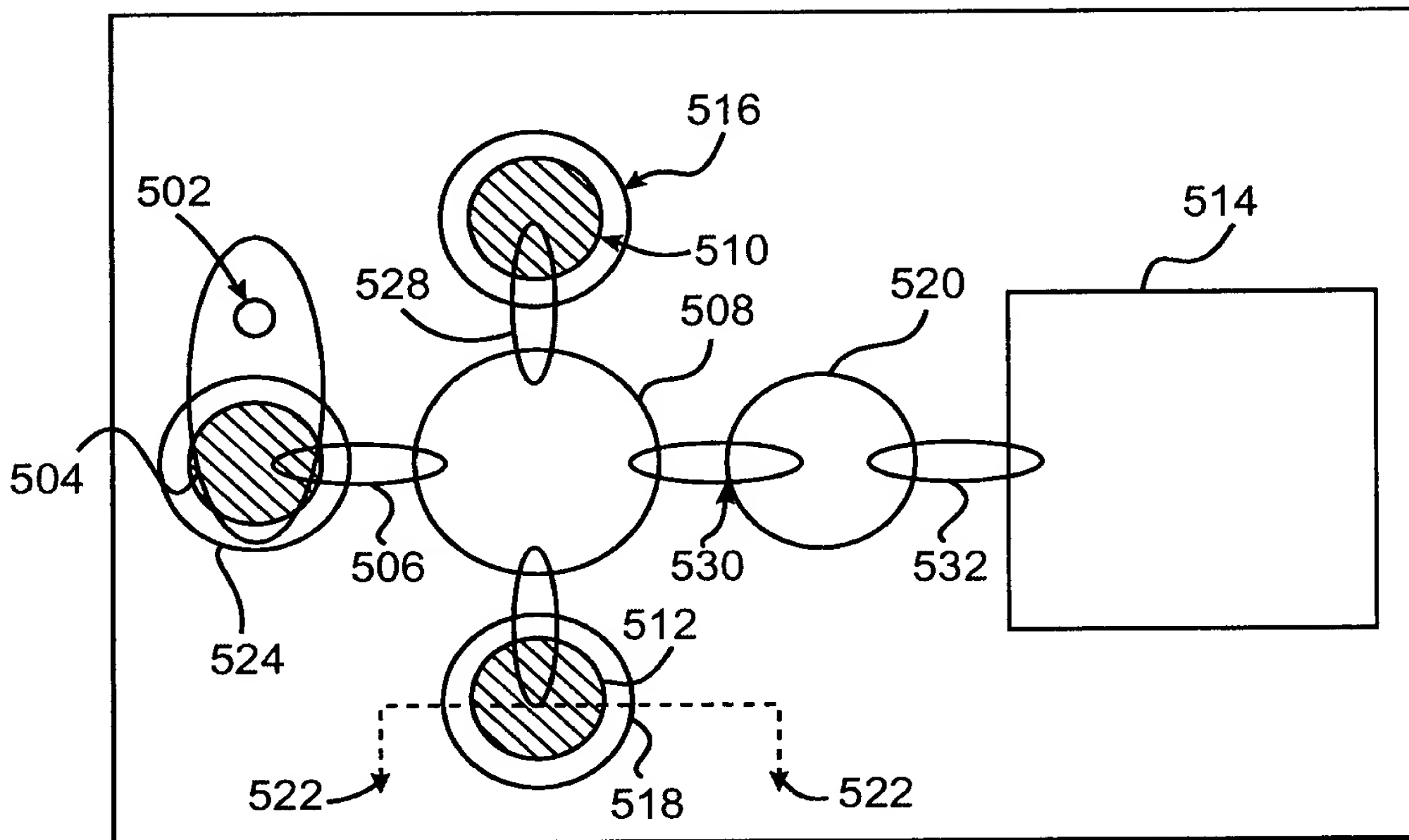


FIG. 5A

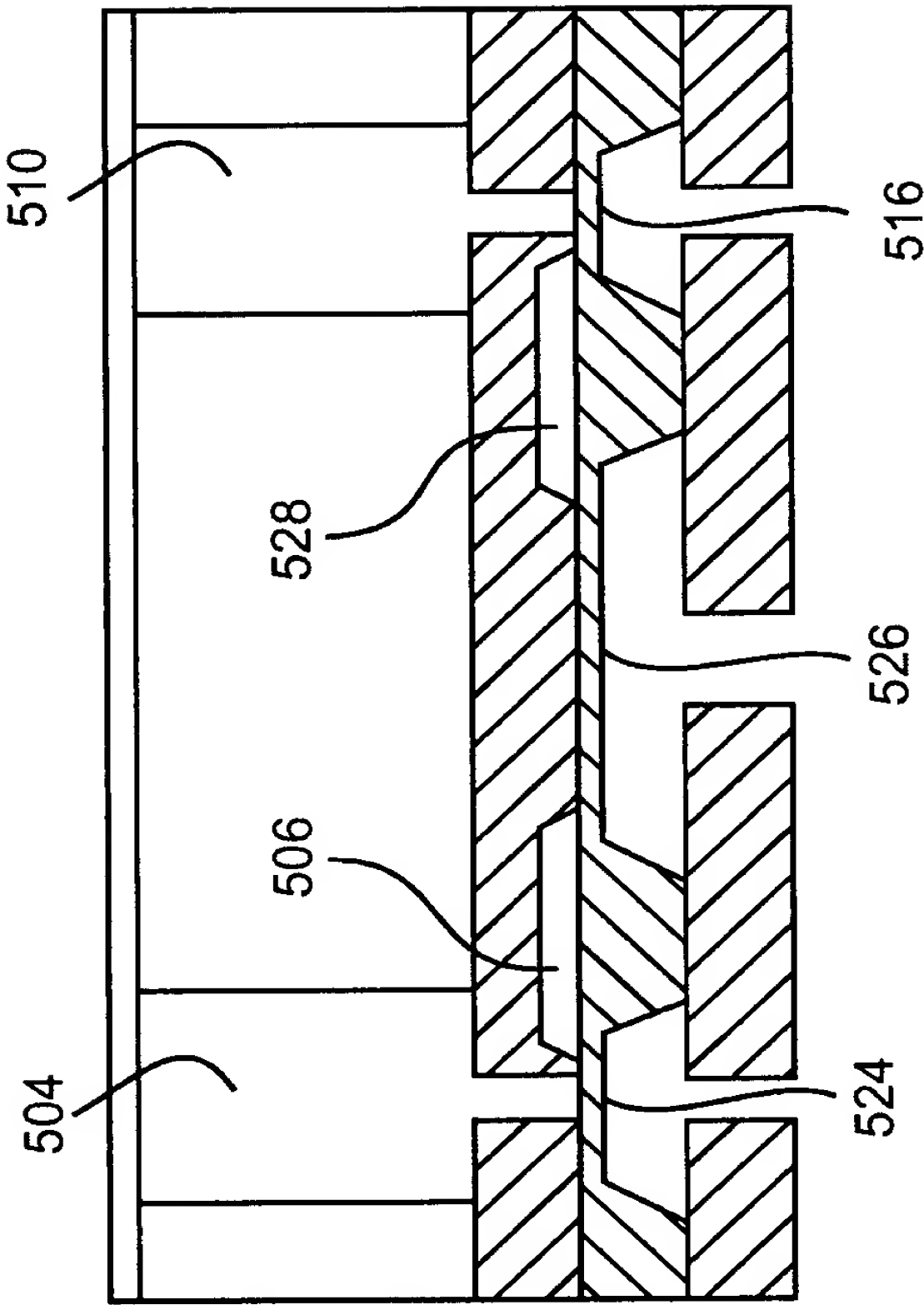
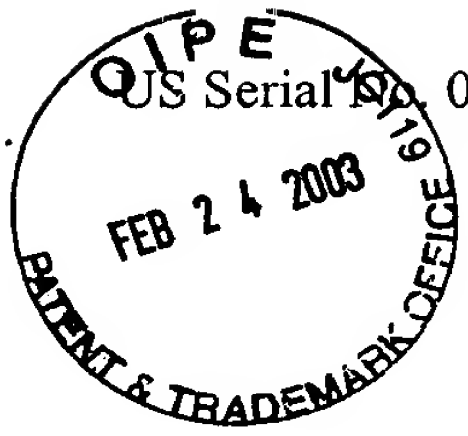


FIG. 5B

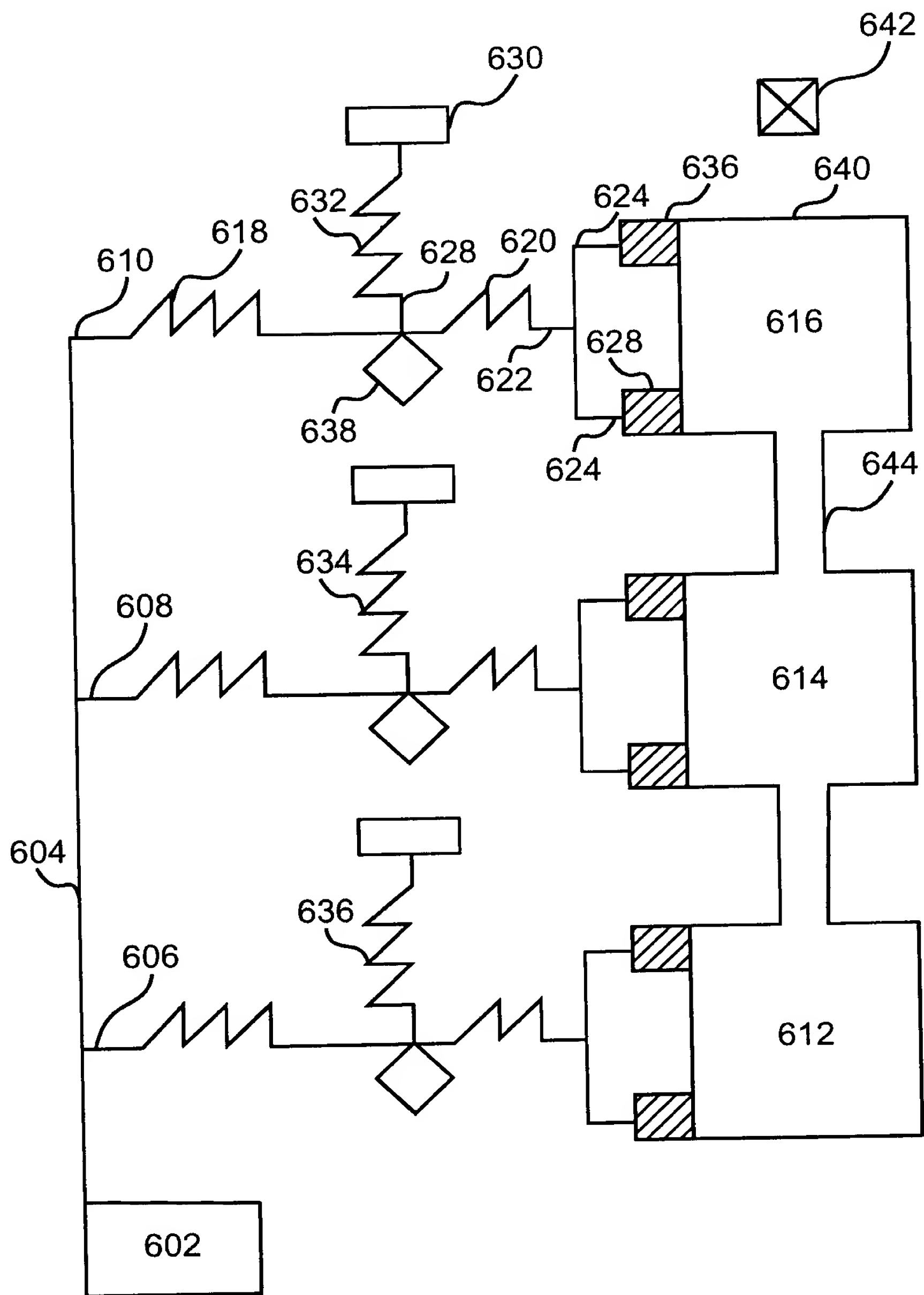


FIG. 6A

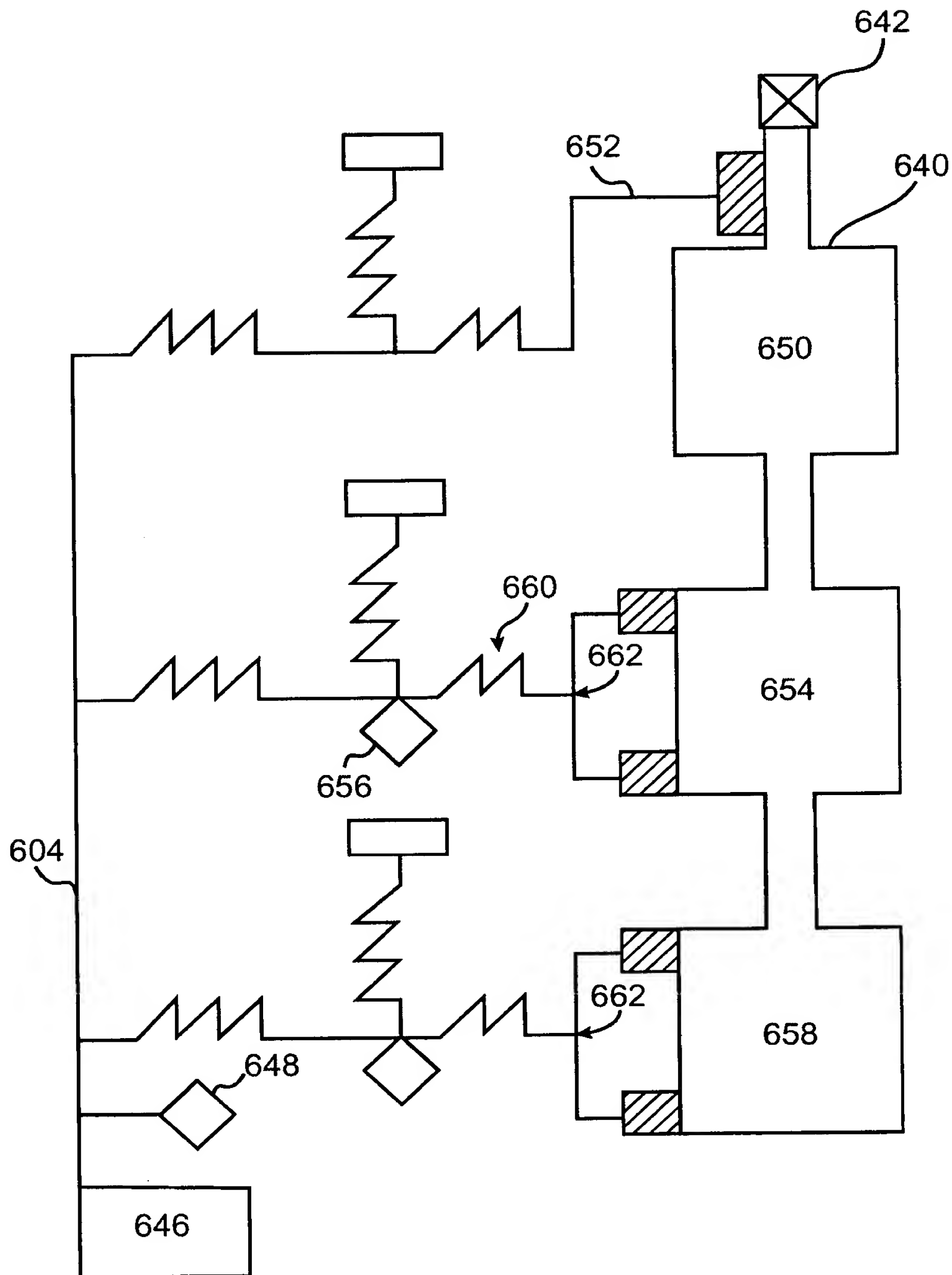
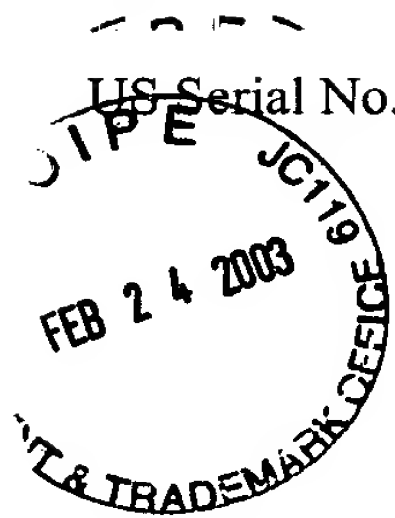


FIG. 6B

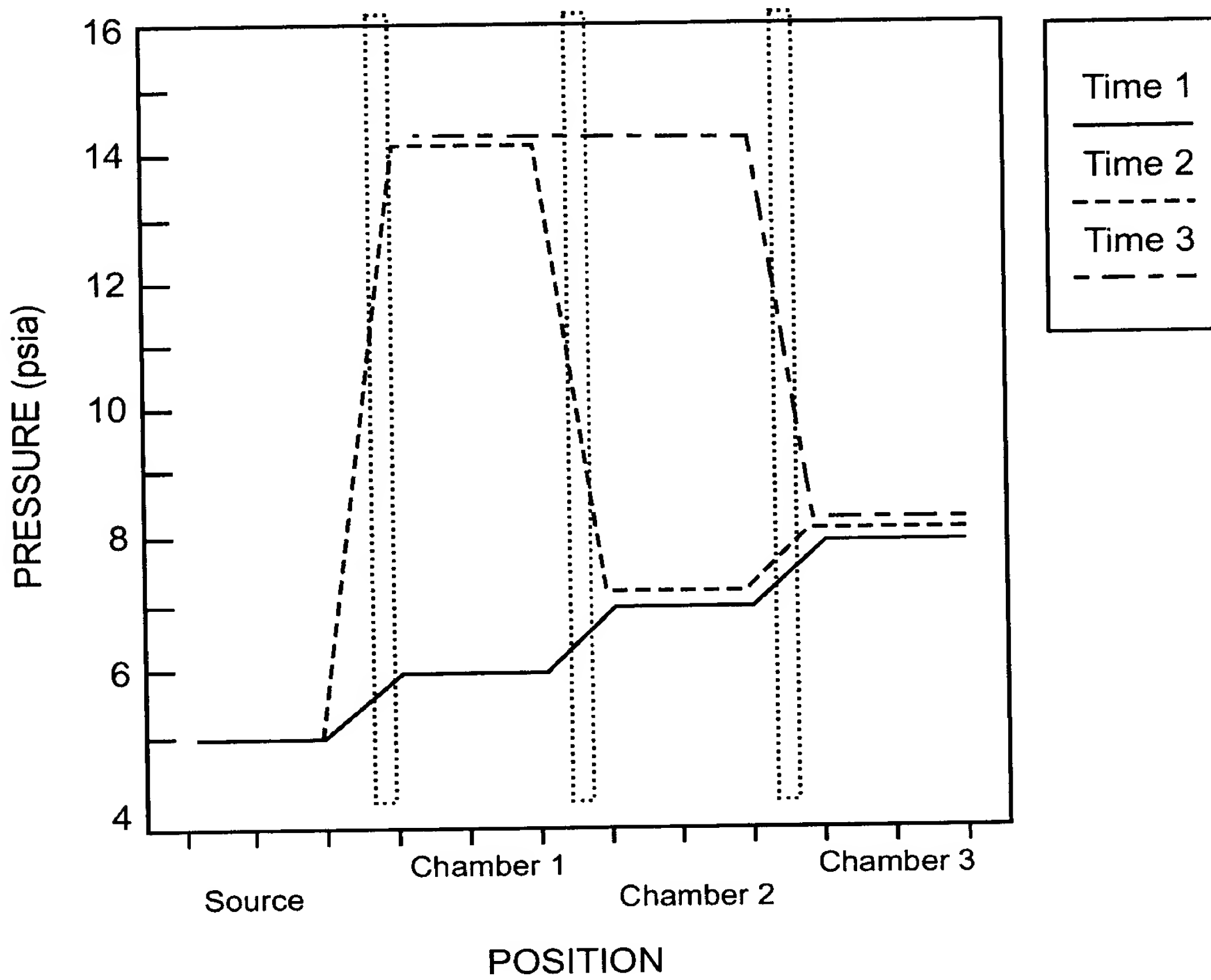


FIG. 6C

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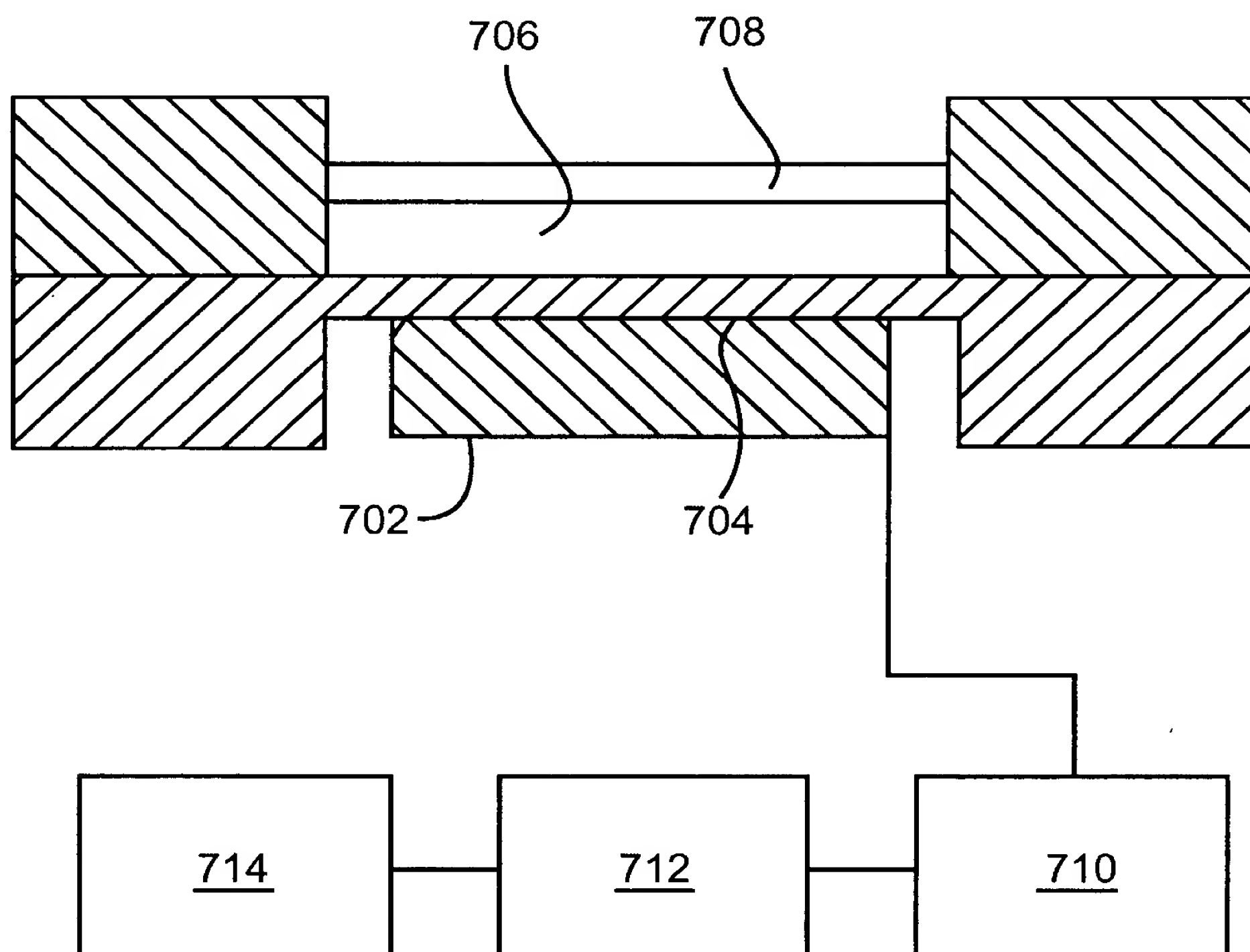


FIG. 7A

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Flow Visualization

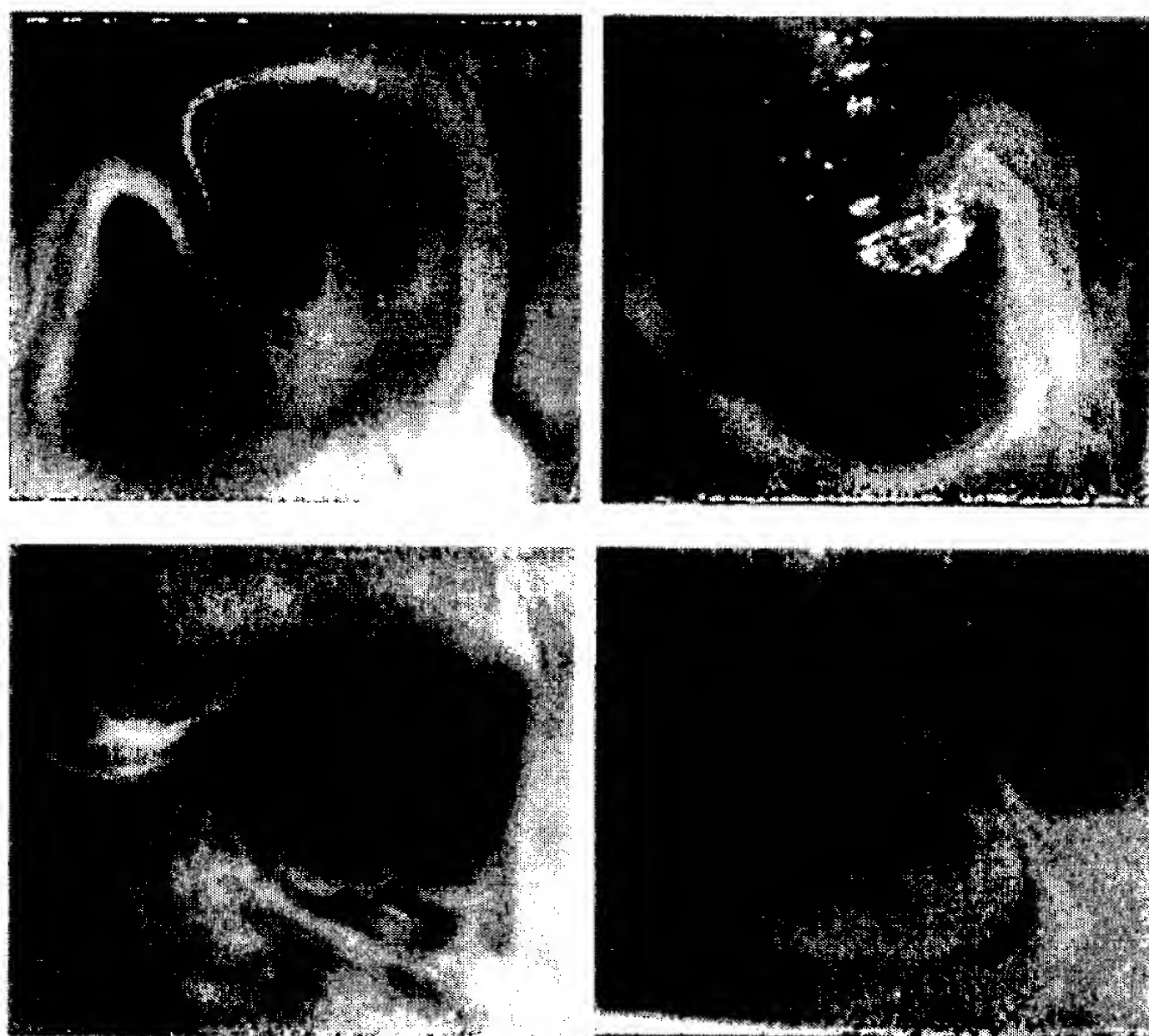
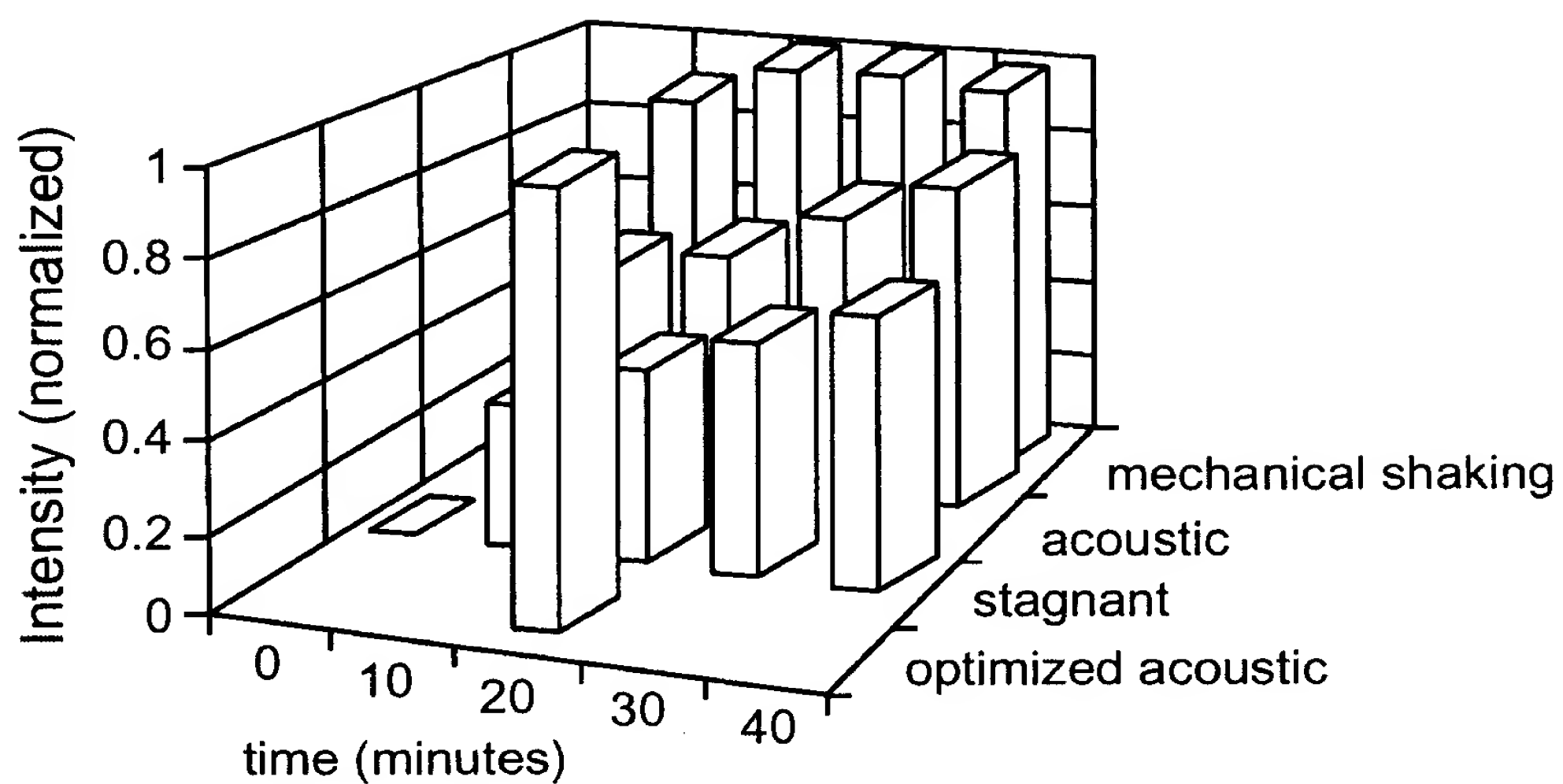


FIG. 7B



Checkboard Oligo Test Pattern

FIG. 7C

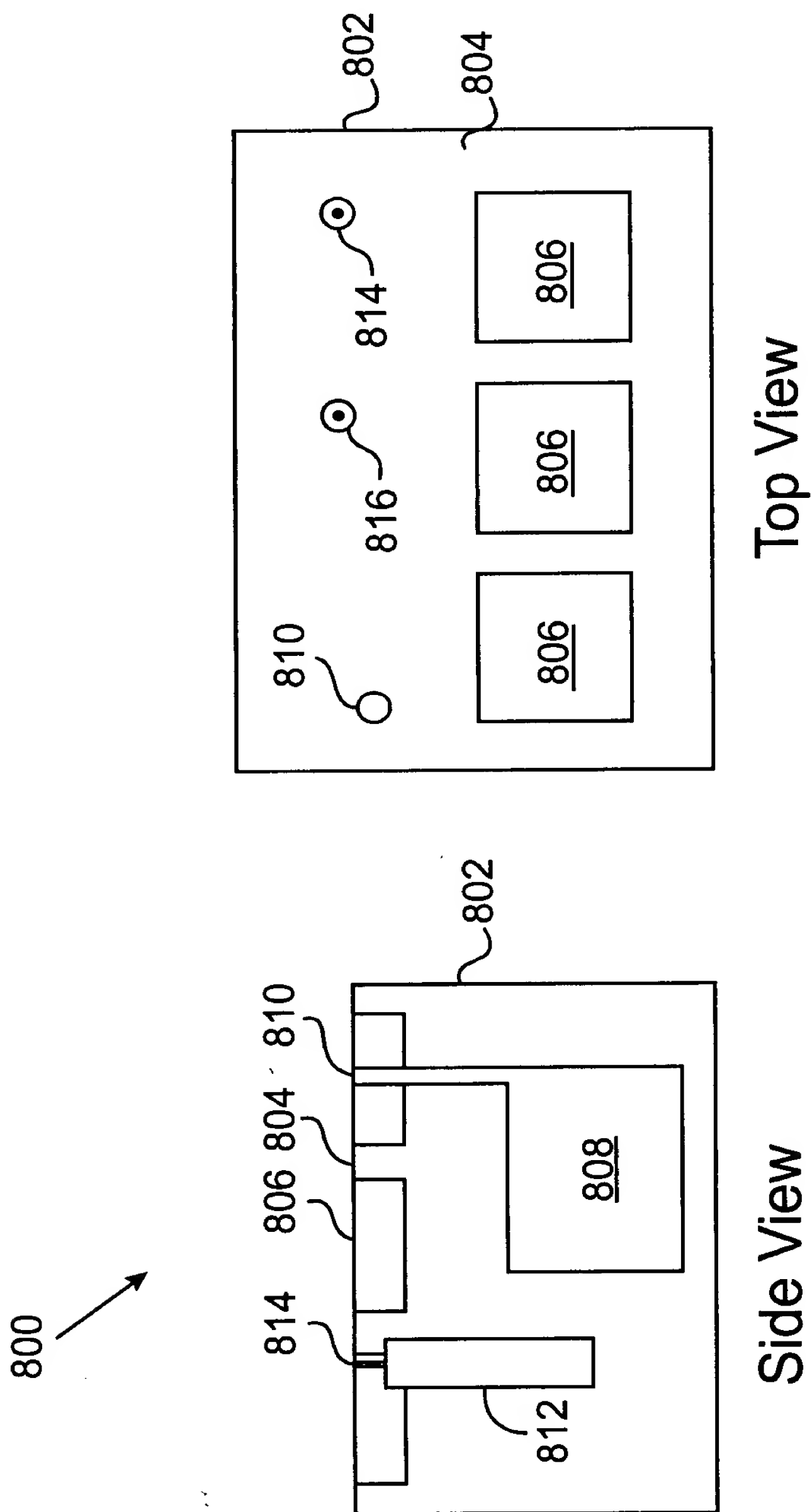


FIG. 8

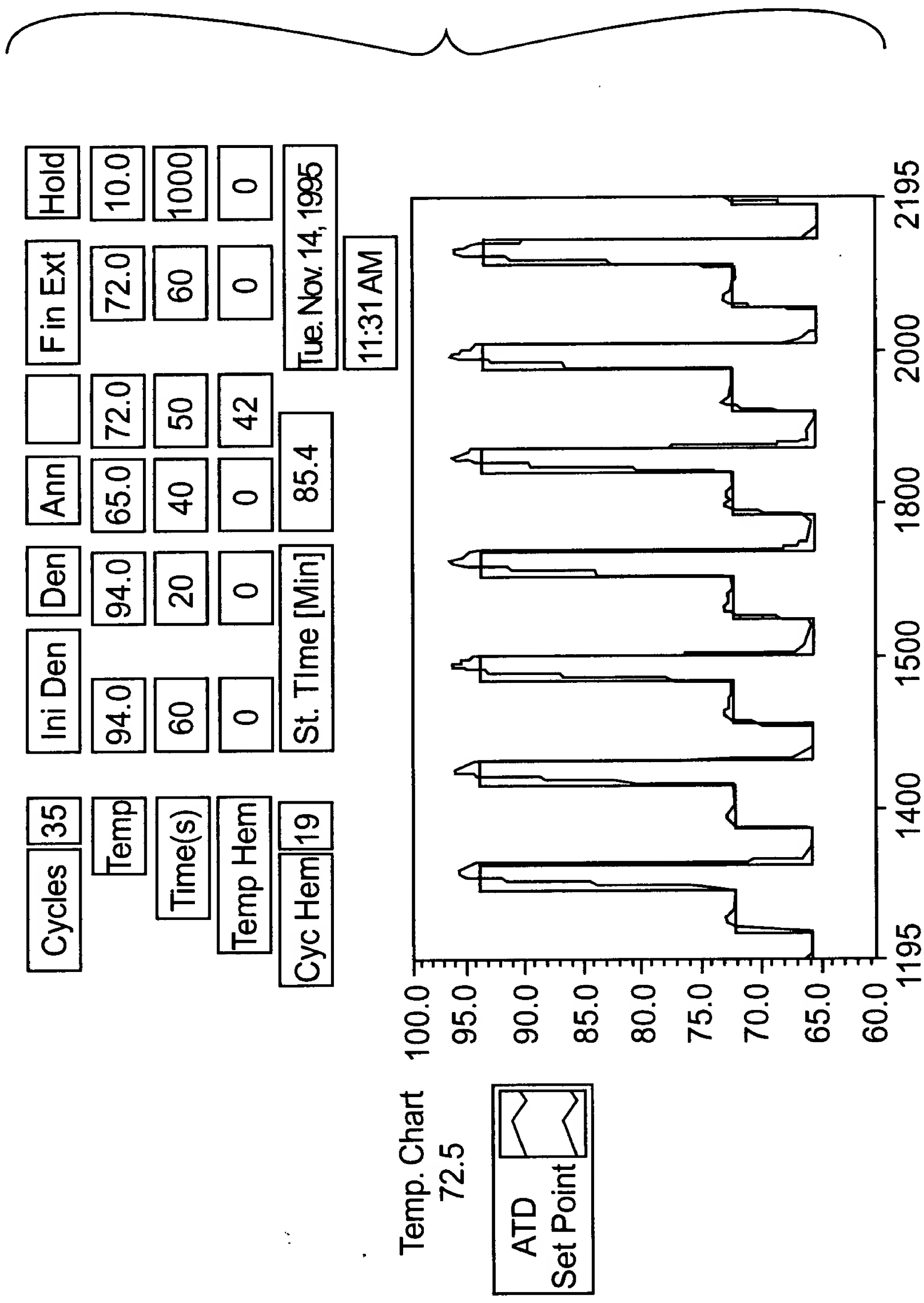
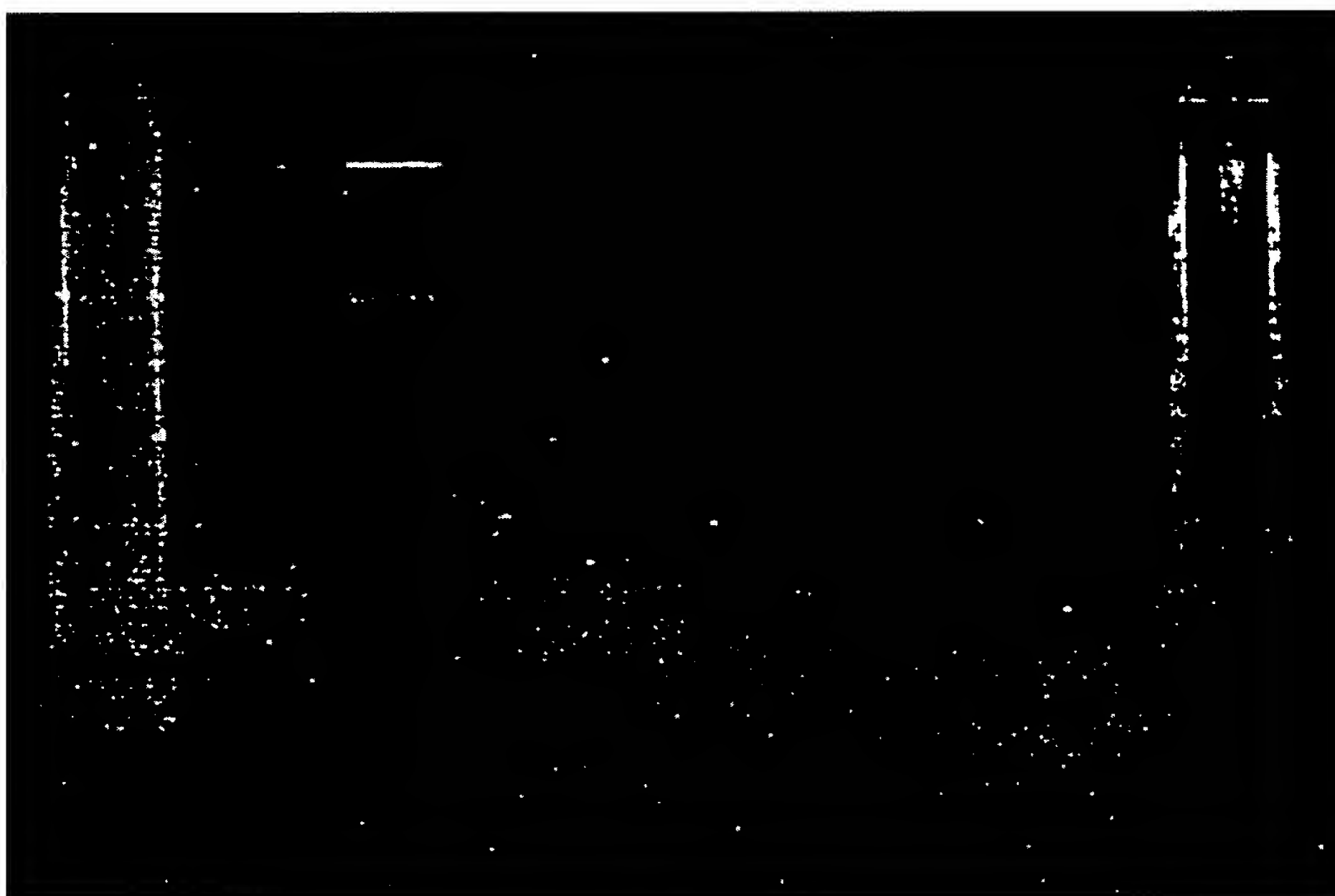


FIG. 9

Effect of Fragmentation Time at 94C

t = 0 5 10 30 60 120 minutes



Correct Call Rates:

74%	95.8%	95.9%
95.9%	95.5%	83%

FIG. 10A



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Standard



Tube Based

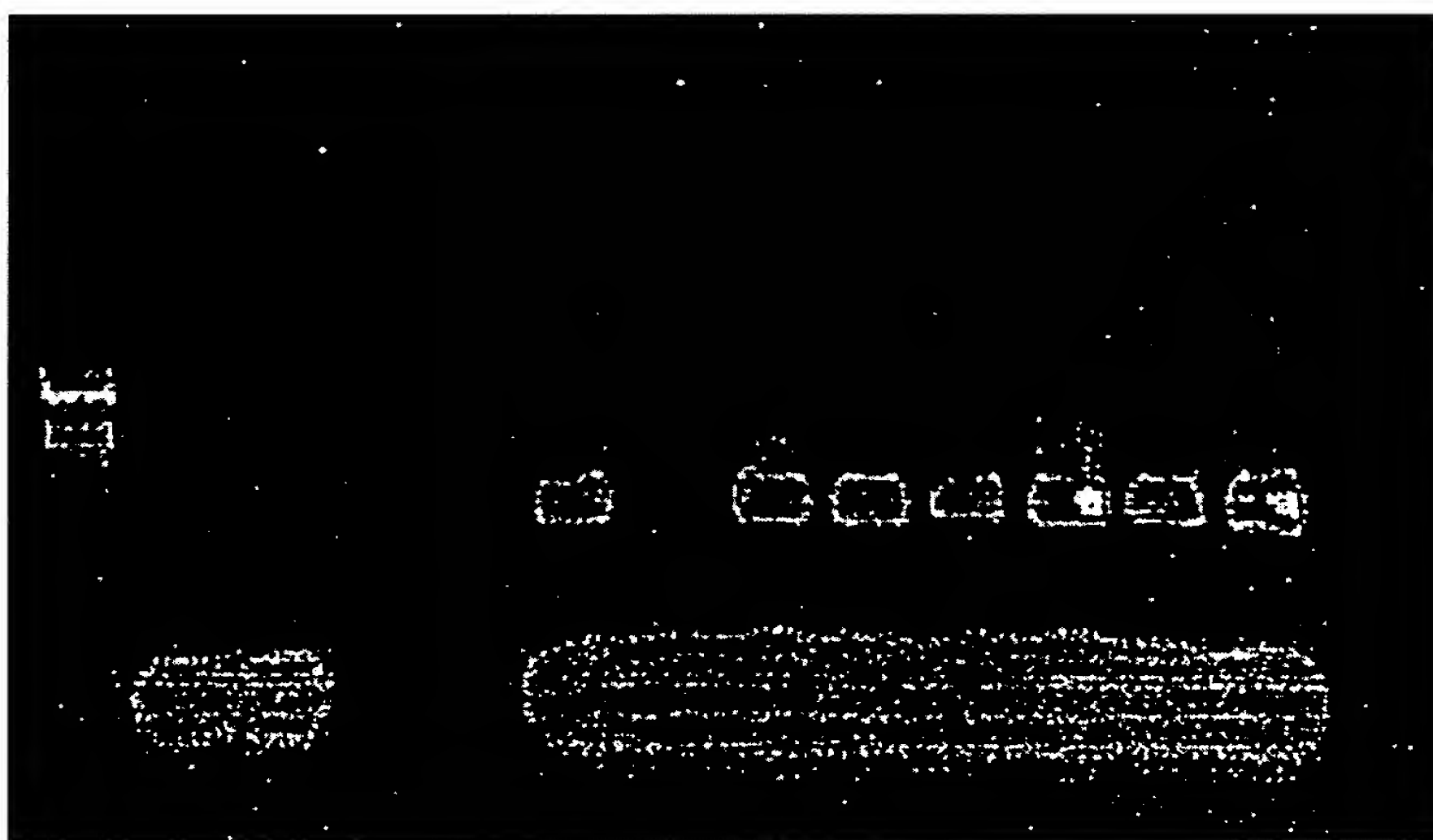


FIG. 10B

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■ PCR PCR Results

amplification: 10^9 (35 cycles)

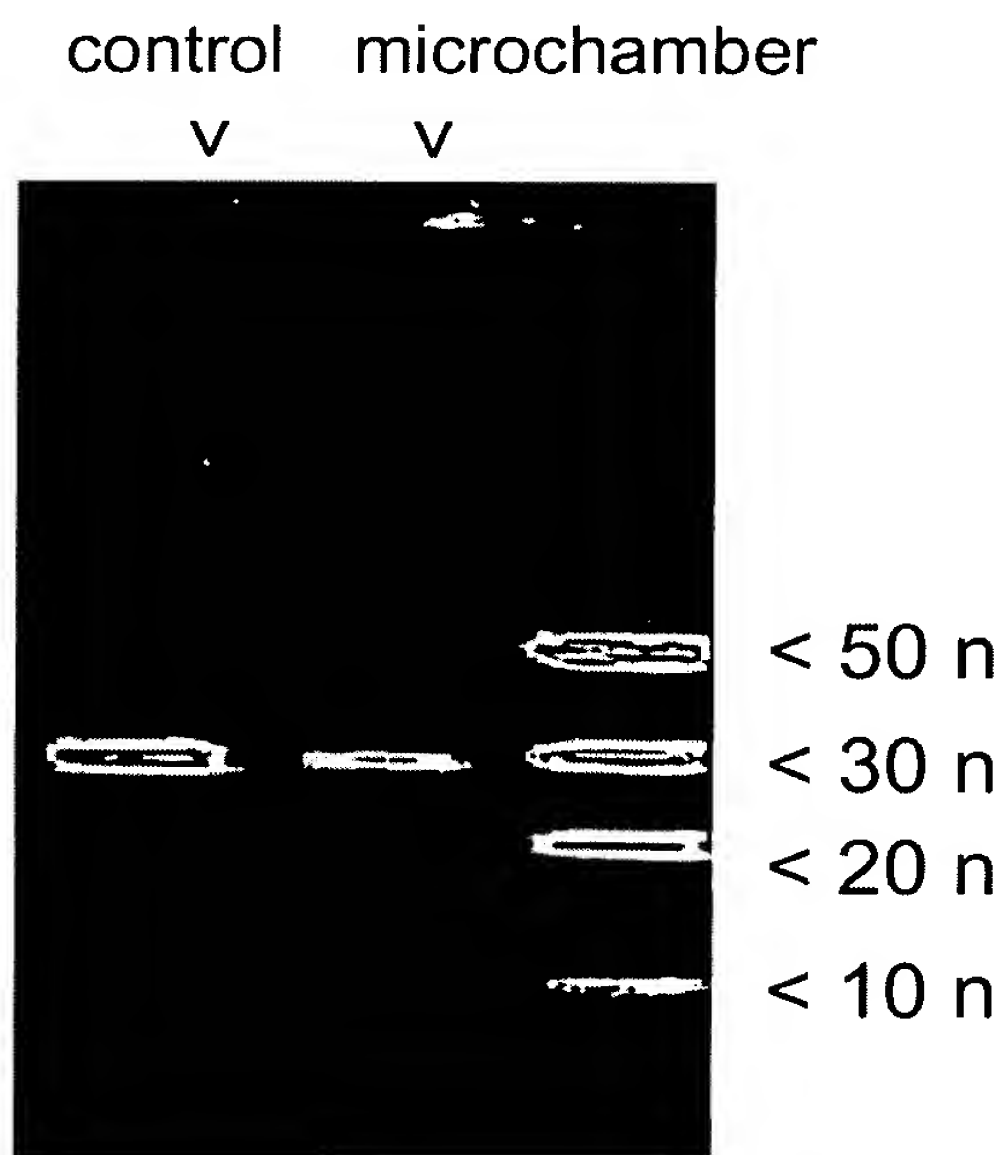


FIG. 10C